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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/662,209

09/12/2003

David A. Huffman

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EXAMINER

LEE, Y YOUNG

ART UNIT

PAPER NUMBER

2621

MAIL DATE

DELIVERY MODE

07/20/2007

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/662,209

Applicant(s)

HUFFMAN, DAVID A.

Examiner

Y. Lee

Art Unit

2621

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 08 June 2007.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-35 is/are pending in the application.
- 4a) Of the above claim(s) 1-14 and 23-35 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 15-22 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 12 September 2003 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- ☒ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☒ Information Disclosure Statement(s) (PTO/SB/08).
Paper No(s)/Mail Date 9/12/03 and 7/12/04.
- ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- ☐ Notice of Informal Patent Application
- ☐ Other: _____.

DETAILED ACTION

Election/Restrictions

1. Applicant's election without traverse of Group III, claims 15-22, in the reply filed on 6/8/07 is acknowledged.

Applicant asserts several claims are generic to various other claims. However, it is noted these claims are not generic to the elected invention. For examples, Group II claims element specific to vehicle collision that is not require for the invention in Group III. Also, Group IV is directed to details of the clock hold off circuit that is not require for the invention in Group III.

2. Claims 1-14 and 23-35 are withdrawn from further consideration pursuant to 37 CFR 1.142(b) as being drawn to a nonelected invention, there being no allowable generic or linking claim. Election was made **without** traverse in the reply filed on 6/8/07.

Drawings

3. The drawings are objected to because all diagrammatic blocks and features in Figures 1 and 3-6 are required to be distinctly labeled to indicate contents or function with legends (37 C.F.R. 1.83(a), 1.84(o)) since they are necessary for understanding of the drawing. Correction is required.

Claim Rejections - 35 USC § 102

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the

applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

5. Claims 15-22 are rejected under 35 U.S.C. 102(e) as being anticipated by Siemens et al (2006/0274829).

Siemens et al, in Figures 1, 2, 4, 8, and 9, disclose a mobile surveillance system that is the same video surveillance system as specified in claims 15-22 of the present invention, comprising a first video camera 118 configured to independently generate a first stream of video data V1; a second video camera 120 configured to independently generate a second stream of video V2; a sync and frame merge module 910 coupled with the first and second video cameras, wherein the sync and frame merge module is configured to enable generation of the second stream of video data in substantial synchronization with generation of the first stream of video data by establishment of a constant phase relationship 906 between the first and second streams of video data, the sync and frame merge module also configured to switch between the first and second streams of video data on a frame-by-frame basis to generate a single contiguous stream of common video data 912; a video processing module 132 coupled with the sync and frame merge module, wherein the video processing module is configured to compress the single contiguous stream of common video data (e.g. MPEG); and a microcontroller 140 coupled with the video processing module, wherein the microcontroller is configured to direct storage of the compressed single contiguous stream of common video data.

With respect to claims 16-22, Siemens et al also discloses a memory device (e.g. semiconductor memory) detachably coupled with the microcontroller, wherein the memory device comprises a FLASH memory configured to store the single contiguous stream of common video data; wherein the microcontroller directs the storage of a predetermined amount of the single contiguous stream of video data in a continuous loop 144; wherein the video data comprises a plurality of first video frames generated by the first video camera and a plurality of second video frames generated by the second video camera, wherein the single contiguous stream of video data comprises a portion of the first video frames interleaved between a portion of the second video frames (Fig. 9); a buffer 914 coupled with the microcontroller and the video processing module, wherein the buffer is configured to temporarily store the single contiguous stream of common video data until the microcontroller directs storage of the single contiguous stream of common video data; a power conditioning module (e.g. built-in diagnostics) coupled with the microcontroller, the power conditioning module configured to indicate low supply voltage conditions to the microcontroller and maintain the supply voltage to the microcontroller above the low supply voltage condition for a determined period of time, the microcontroller configured to perform an orderly shutdown of the video surveillance system in response to indication from the power conditioning module of low supply voltage conditions (e.g. power outage); and a shock sensor coupled with the microcontroller, wherein the microcontroller is configured to cease storage of the compressed single contiguous stream of common video data a determined amount of time after forces above a determined threshold are indicated by the shock sensor


(Tables A and B); wherein the constant phase relationship between the first and second streams of video data comprises one of a determined phase offset and in phase (Fig. 9).

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Y. Lee whose telephone number is (571) 272-7334. The examiner can normally be reached on (571) 272-7334.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Miller can be reached on (571) 272-7353. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.


Y. Lee
Primary Examiner
Art Unit 2621